

Bureau of Land – Field Operations Section

Evaluation Report

General Facility Information

BOL ID:	1190400007	Region:	Collinsville
USEPA ID:	ILD096731468	County:	Madison
Site Name:	Mayco Mfg LLC (Formerly NL/Taracorp)	Phone:	618-451-4400
Address:	1200 16th St	Latitude:	38.69753
City/State/Zip:	Granite City, IL 62040	Longitude:	-90.15671

Owner	Operator
Mayco Mfg LLC Joyce Morales 18 W Oxmoor Rd Birmingham, AL 35209	Mayco Mfg LLC Craig Rathgeb 1200 16th St Granite City, IL 62040

Evaluation Details

Evaluation Type	FSRS Oversight
Evaluation Date	11/10/2020
Inspector(s)	Miller, Tom
Person(s) Interviewed	Jeff Leed, Leed Environmental
Previous Inspection Date	5/7/2020

Observations

Time	0820-1136
Weather Conditions (Description)	Partly Cloudy
Temperature (°F)	66
Samples Collected (Yes/No)	No
Photos Taken (Yes/No)	Yes

Executive Summary

On November 10, 2020, Tom Miller, Illinois EPA On Scene Coordinator, participated in the US EPA/Illinois EPA Annual Site visit at the Mayco MFG site (formerly known as NL Industries/Taracorp) in Granite City and associated remote fill and stack emission related properties in Venice, Madison, Granite City, Eagle Park Acres and one property (Sand Road) located near Edwardsville. Due to COVID related travel restrictions, the US EPA and Illinois EPA Project Managers were not able to attend this event. This site visit was conducted per the request of Sheri Bianchin, Project Manager with US EPA Region V. Jeff Leed of Leed Environmental participated in this field visit on behalf of the NL/Taracorp Superfund Site Group. Mr. Leed performed the Second 2020 Semi-Annual Operation and Maintenance Inspection on November 9, 2020.

Evaluation Narrative

I met Jeff Leed at 0830 hours at the former NL/Taracorp site battery casing waste pile located at 1555 State Street in Granite City, Illinois. We started the annual site visit of the NL/Taracorp Superfund Project area by observing the area around the waste pile cap (See Figure 1 and Photos 1-3). The cap appeared to be in good shape. We observed an area in the southwest corner of the cap up against the fence where a pallet was leaning along the top. This pallet was moved off the fence by Mr. Leed and this writer.

Upon leaving the main NL/Taracorp Waste Pile Site, we visited the Sand Road Remote Fill Property (areas of former battery casing fill activities subject to previous cleanup activities performed by US EPA and their contractors). While on-site we observed the current conditions in and surrounding the former building foundation area located near the entrance to the property. I utilized a manual measuring wheel to determine the dimensions of the former foundation area. The measurements of this Area were taken within a rectangular area 29 feet by 38 feet. Battery chips were noted inside the foundation area and along the western boundary. (See Figure 2 and Photos 4-8).

The next Remote Fill Property we observed was Schaeffer Road located on the West side of Illinois Route 3 in Granite City, Illinois. Upon entering the site, we walked along the elevated surface road that has agricultural fields to the south and wooded areas to the north. I utilized the measuring wheel to determine the distance to areas of previously observed battery chips. I measured from the concrete jersey walls located at the entrance into the site off of Route 3. Sparse scattered battery chips were located at the following locations: 862 feet from entrance, 893 feet from the entrance, 986 feet from the entrance and in an area surrounding a large diameter sanitary sewer manhole located approximately 1,028 feet from the site entrance (See Figure 3 and Photos 9-13). The area of scattered chips surrounding the sanitary sewer manhole area was measured at 50 feet by 25 feet.

The next location we visited was a remote fill area known as Slough Road (Figure 4 and Photos 14 and 15). This area is located within the Beelman River Terminals, located off of Route 3 at 210 Bremen Street in Venice, Illinois. This area has been covered by an asphalt roadway, however there are a few scattered chips located off the road near an abandoned tavern foundation. The public does not have access to this area. We gained access by notifying the terminal manager of our visit and being allowed to drive to the area.

The next location we visited was Eagle Park Acres. While in this area we observed a property on Harrison Street that is a vacant lot where battery chips were observed by Jeff Leed, the NL/Taracorp Superfund Group oversight Contractor in May of 2019 (Figure 5 and Photo 16) we did not observe any visible battery chips at the time of our visit. We also observed two former residential remote fill related lead cleanup properties that were remediated during previous US EPA removal action activities and have been identified as areas that warrant further investigation due to data gaps. The first of these is located at **Non-responsive** the second property is located at **Non-responsive**. Both properties were well vegetated and there were no signs of visible battery chips at the time of our visit.

The next locations we visited were two paved alleyways in Venice that have remote fill materials remaining beneath engineered barriers. The first alleyway we observed is located off Baucum road between Market Street and Logan Street (Figure 6 - Photo 19). The second alleyway we observed was located on 6th Street Between Jefferson Street and Washington Street (Figure 6 - Photo 20).

We concluded our visit back at the former NL/Taracorp site. Prior to finishing our tour, Mr. Leed showed me an area in the northwest corner of the current Mayco MFG site where Monitoring Well MW5D is located (this well is part of NL/Taracorp groundwater monitoring network) (Figure 1 - Photo 21). While in the area, we observed a brown staining on the surface rock surrounding the monitoring well. Following the inspection, I reached out to Craig Rathgeb, Environmental Health and Safety Officer with Mayco Manufacturing. Mr. Rathgeb informed this writer that they had recently applied a dust suppressant to the area. The name of the material is Marathon - Petroleum Anionic Emulsified Asphalt. I suggested that during future applications they should refrain from applying the material within the bumper post area surrounding the monitoring well.

We concluded the NL/Taracorp Annual site visit at 1145 hours.

Attachment Listing		
ID	Type	Description
No Attachments		

Attachment Listing		
ID	Type	Description
No Attachments		

Digital Photographs



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 1
Photo Date: 11/10/2020
Photo Time: 08:25
Direction: Southwest
Taken By: Tom Miller

Warning sign on entrance gate
to the NL/Taracorp battery
casing pile.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 2
Photo Date: 11/10/2020
Photo Time: 08:31
Direction: South
Taken By: Tom Miller

West side of NL/Taracorp
battery casing pile.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 3
Photo Date: 11/10/2020
Photo Time: 08:36
Direction: Northwest
Taken By: Tom Miller

South side of NL/Taracorp
battery casing pile.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 4
Photo Date: 11/10/2020
Photo Time: 09:14
Direction: North/NW Indicated
Taken By: Tom Miller

Former home foundation area
on Sand Road Property.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 5
Photo Date: 11/10/2020
Photo Time: 09:15
Direction: N/A
Taken By: Tom Miller

Battery chips observed within
former foundation area on
Sand Road Property.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 6
Photo Date: 11/10/2020
Photo Time: 09:15
Direction: South
Taken By: Tom Miller

Western edge of former
foundation area on Sand Road
Property. Note scattered
battery chips.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 7
Photo Date: 11/10/2020
Photo Time: 0920
Direction: Southeast
Taken By: Tom Miller

Northwest corner of former
foundation area on Sand Road
Property.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 8
Photo Date: 11/10/2020
Photo Time: 09:22
Direction: South/SE
Taken By: Tom Miller

Entrance road into Sand Road
Property.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 9
Photo Date: 11/10/2020
Photo Time: 09:34
Direction: West
Taken By: Tom Miller

Entrance road into Schaeffer
Road Property. Note concrete
jersey barriers. All site
measurements were taken
from the West side of these
barriers.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 10
Photo Date: 11/10/2020
Photo Time: 09:39
Direction: South
Taken By: Tom Miller

Battery chips on surface of
Schaeffer Road. Photo was
taken at 862 feet from the
entrance jersey barriers.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 11
Photo Date: 11/10/2020
Photo Time: 09:42
Direction: N/A
Taken By: Tom Miller

Battery chips on surface of
Schaeffer Road. Photo was
taken at 893 feet from the
entrance jersey barriers.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 12
Photo Date: 11/10/2020
Photo Time: 09:45
Direction: East
Taken By: Tom Miller

Sanitary Sewer manhole on
Schaeffer Road Property
located 1028 feet west of the
entrance jersey barriers.
Scattered battery chips were
observed in this area.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 13
Photo Date: 11/10/2020
Photo Time: 09:56
Direction: N/A
Taken By: Tom Miller

Sanitary Sewer manhole on
West end of Schaeffer Road.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 14
Photo Date: 11/10/2020
Photo Time: 10:24
Direction: West
Taken By: Tom Miller

Former Robin's Nest Lounge
foundation area on Slough
Road within the Beelman River
Terminals, Inc. Property.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 15
Photo Date: 11/10/2020
Photo Time: 10:25
Direction: South/SW
Taken By: Tom Miller

Current Southern terminus of
Slough Road located with the
Beelman River Terminals Inc.
Property.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 16
Photo Date: 11/10/2020
Photo Time: 10:38
Direction: North
Taken By: Tom Miller

Harrison Street Property in
Eagle Park Acres.

Non-responsive



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 19
Photo Date: 11/10/2020
Photo Time: 11:05
Direction: East
Taken By: Tom Miller

Baucum Alleyway in Venice.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 20
Photo Date: 11/10/2020
Photo Time: 11:15
Direction: West
Taken By: Tom Miller

6th Street Alleyway in Venice.



Site: Mayco Mfg LLC (Formerly
NL/Taracorp)
(1190400007)
Madison County

Photo ID: 21

Photo Date: 11/10/2020

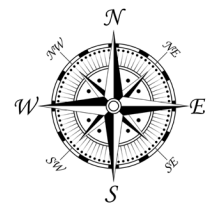
Photo Time: 11:25

Direction: North

Taken By: Tom Miller

NL/Taracorp Battery Casing Pile
Monitoring Well Network well
MW5D. Dust suppressant
coating observed on gravel rock
surface.

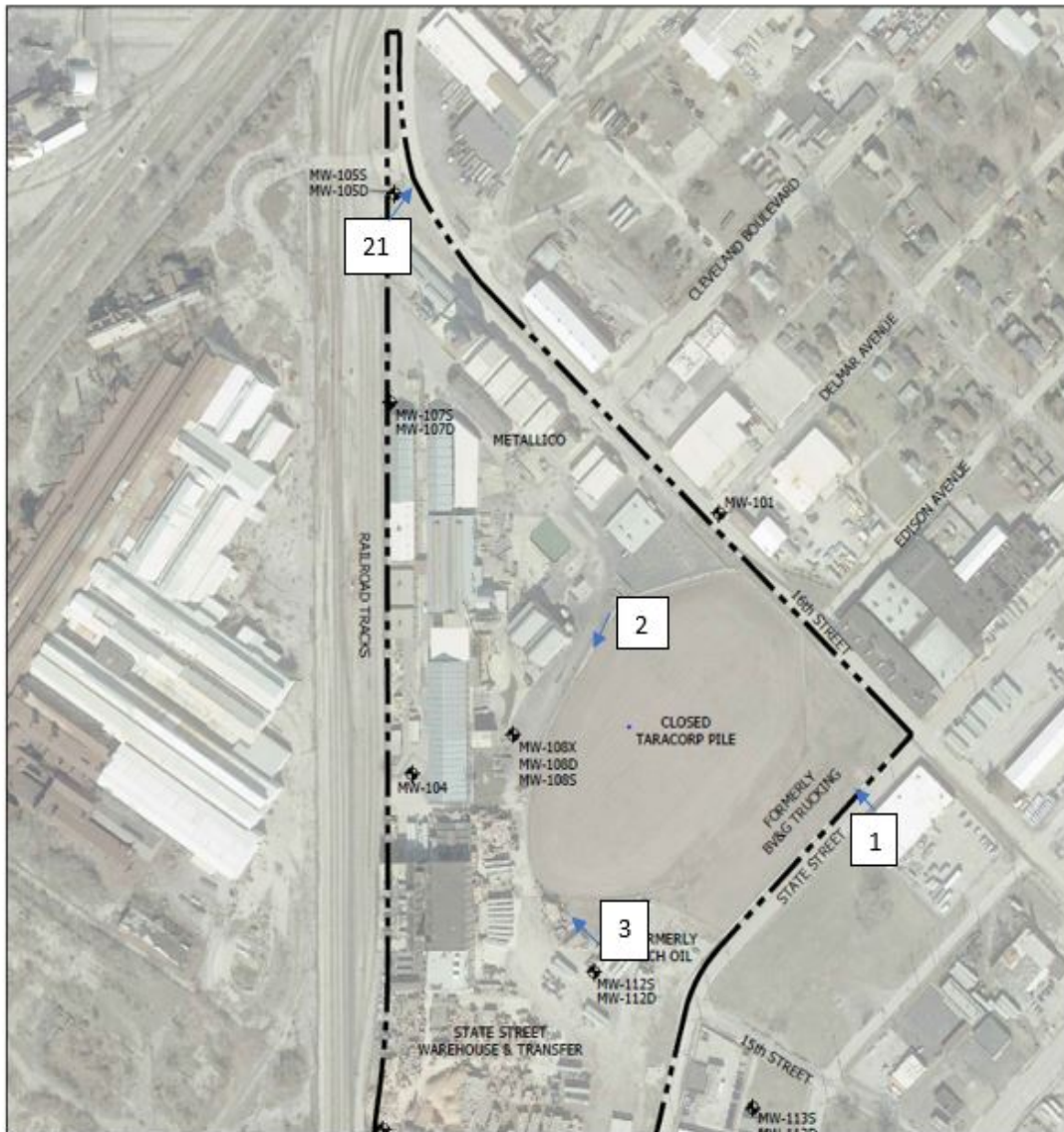
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY



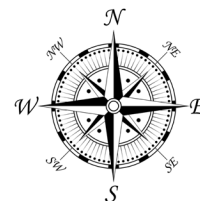
Site Diagram(s)

Site Diagram 1: November 10, 2020 • Mayco Mfg LLC (1190400007) • Madison County

Figure 1 – NL/Taracorp Main Site



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Site Diagram(s)

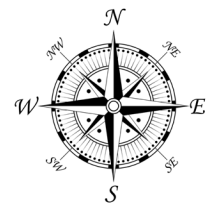
Site Diagram 2: November 10, 2020 • Mayco Mfg LLC (1190400007) • Madison County

Figure 2 – Sand Road



Former house foundation

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Site Diagram(s)

Site Diagram 3: November 10, 2020 • Mayco Mfg LLC (1190400007) • Madison County

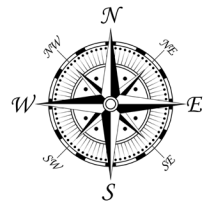
Figure 3 – Schaeffer Road



SCHAEFFER ROAD – AERIAL PHOTOGRAPH



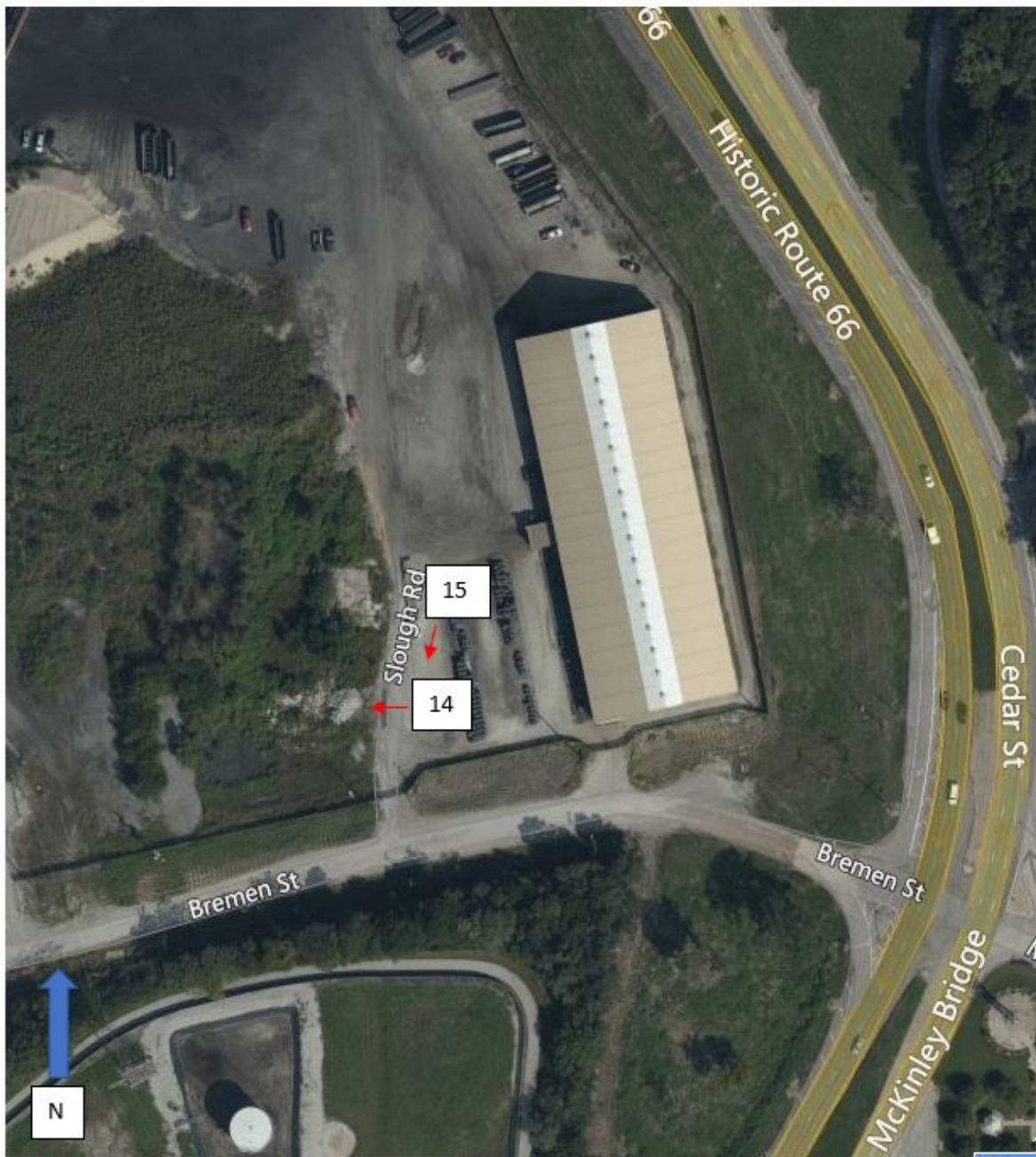
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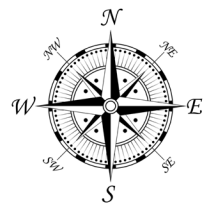
Site Diagram(s)

Site Diagram 4: November 10, 2020 • Mayco Mfg LLC (1190400007) • Madison County

Figure 4 – Slough Road



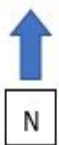
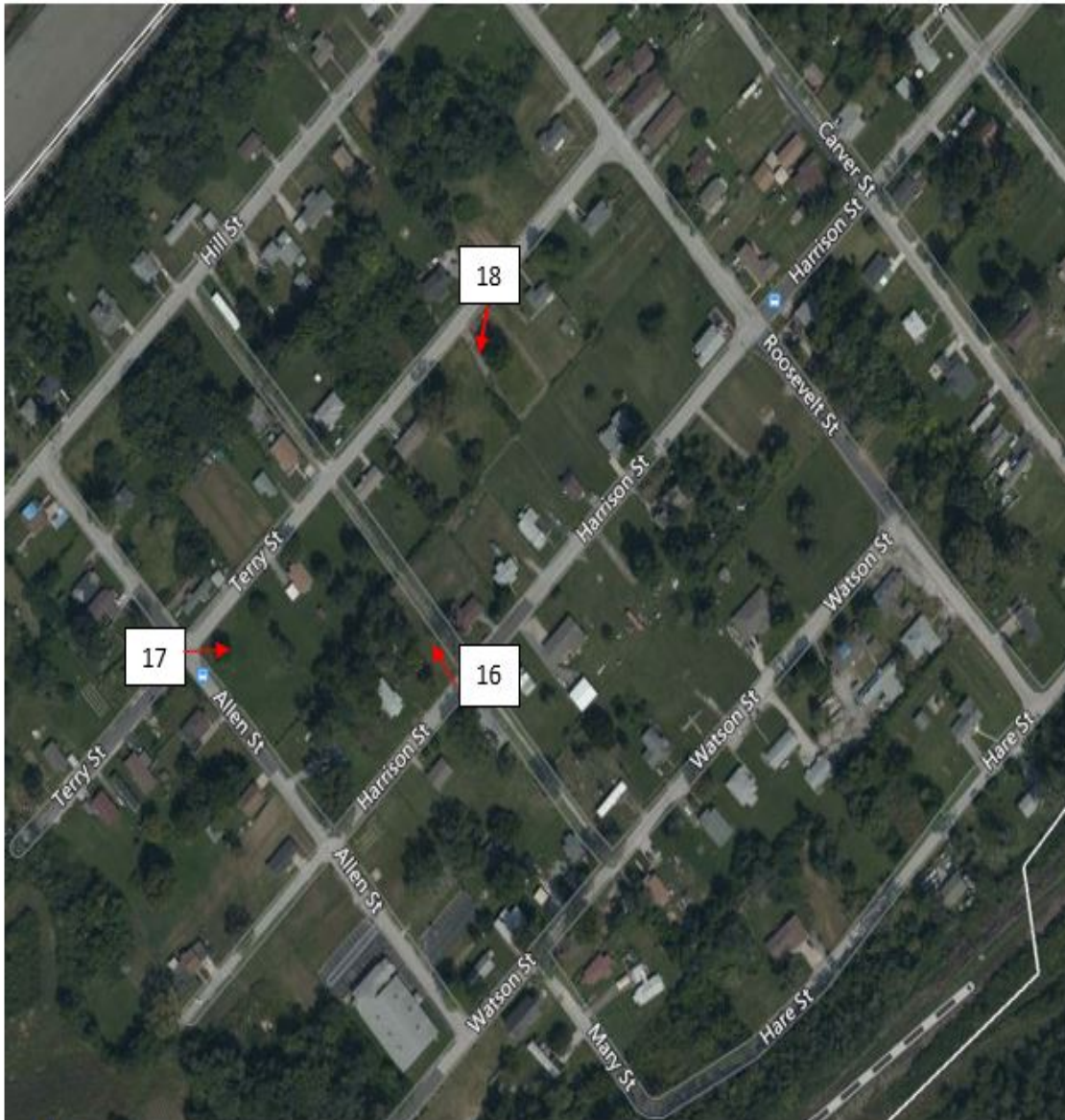
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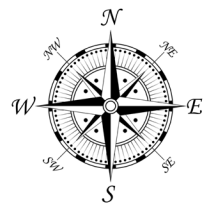
Site Diagram(s)

Site Diagram 5: November 10, 2020 • Mayco Mfg LLC (1190400007) • Madison County

Figure 5 – Eagle Park Acres Remote Fill Properties



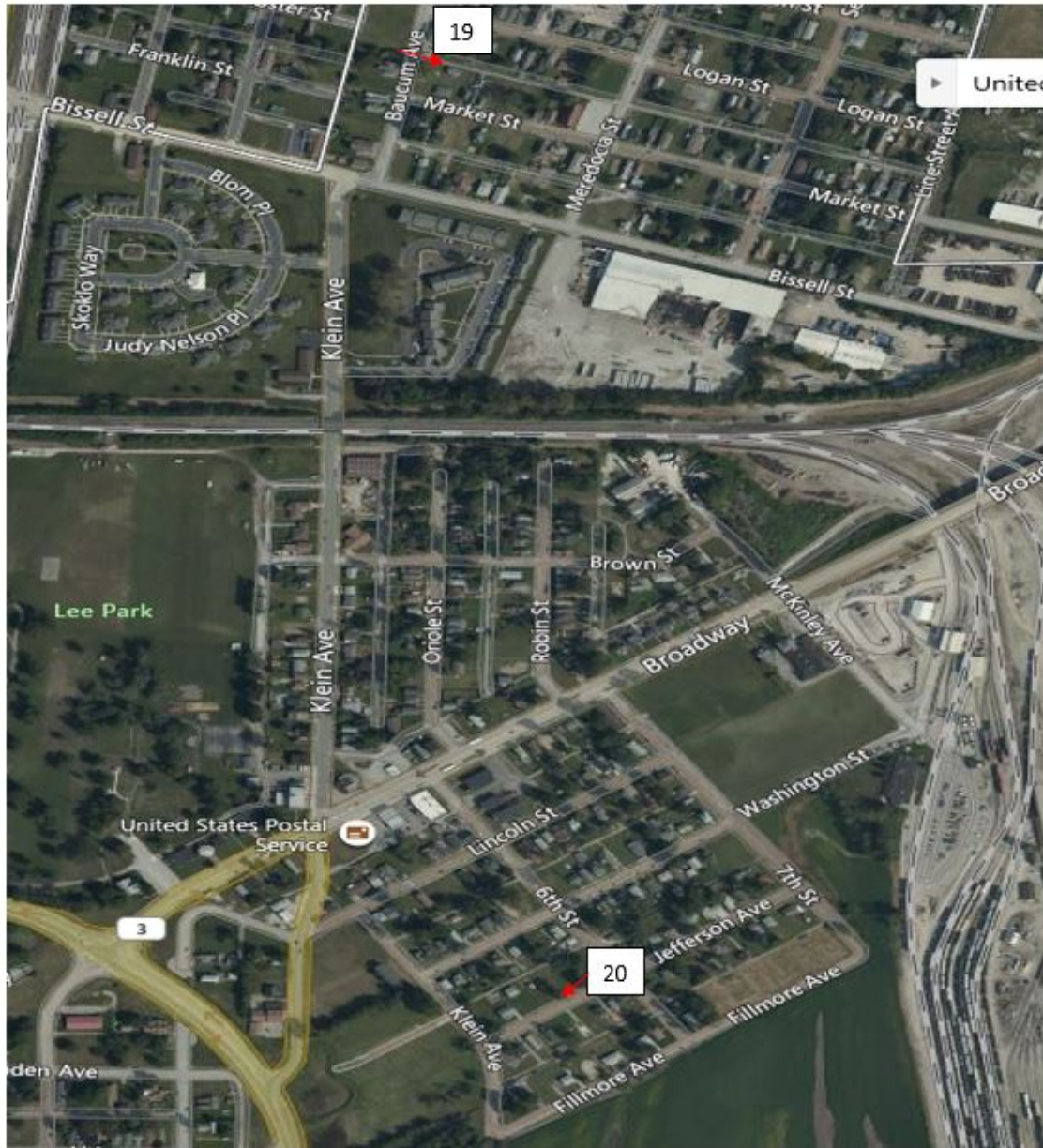
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Site Diagram(s)

Site Diagram 6: November 10, 2020 • Mayco Mfg LLC (1190400007) • Madison County

Figure 6 Remote Fill Alleyways Observed During Inspection





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